

## Recombinant Mouse Actn3, His-tagged

**Cat. No.** Actn3-3335M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Alpha-actinin-3 (Actn3)                                                                                                                                                                                                                                                                                        |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.Coli/Yeast                                                                                                                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | 900                                                                                                                                                                                                                                                                                                            |
| <b>Form</b>             | This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.                                                                                                                                                                               |
| <b>Purity</b>           | >90%                                                                                                                                                                                                                                                                                                           |
| <b>Notes</b>            | Small volumes of Actn3 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice. |
| <b>Storage</b>          | Store at -20 degree C. For extended storage, store at -20 or -80 degree C.                                                                                                                                                                                                                                     |
| <b>Storage Buffer</b>   | PBS pH 7.4, 50% glycerol                                                                                                                                                                                                                                                                                       |
| <b>Warning</b>          | This product is for research use only. Not for use in diagnostic or therapeutic procedures.                                                                                                                                                                                                                    |

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## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                 |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">Actn3 actinin alpha 3 [ Mus musculus ]</a>                                                                                                                                                                                                          |
| <b>Official Symbol</b> | Actn3                                                                                                                                                                                                                                                           |
| <b>Synonyms</b>        | ACTN3; actinin alpha 3; alpha-actinin-3; F-actin cross-linking protein; alpha-actinin skeletal muscle; MGC132876;                                                                                                                                               |
| <b>Gene ID</b>         | <a href="#">11474</a>                                                                                                                                                                                                                                           |
| <b>mRNA Refseq</b>     | <a href="#">NM_013456</a>                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>  | <a href="#">NP_038484</a>                                                                                                                                                                                                                                       |
| <b>Pathway</b>         | Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), organism-specific biosystem; Arrhythm |
| <b>Function</b>        | actin binding; actin filament binding; actin filament binding; calcium ion binding; protein binding; protein binding, bridging; protein homodimerization activity;                                                                                              |

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